DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

the specification of which (check one) X is attached hereto. Was filed on	the subject matter which is claimed	AL DISPLAY APPARAT		
was filed on	214012 01151	AD DIOLDAL ALLANAL		
was filed on		·		
as Application Serial No. and was amended on (if applicable) I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56(a). I, hereby claim foreign priority benefits under Title 35, United States Code, \$119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) Priority Claimed 11 – 69529 Japan (Country) (Country) (Day/Month/Year Filed) (Number) (Country) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Country) (Day/Month/Year Filed) (Number) (Number) (Country) (Day/Month/Year Filed) (Country) (Country) (Country) (Day/Month/Year Filed) (Country) (Co	the specification of which (check of	one) X is attached he	ereto.	
and was amended on (if applicable) 1 hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56(a). 1, hereby claim foreign priority benefits under Title 35, United States Code, \$119 of any foreign application(s) for patent or inventor's certificate issted below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) Priority Claimed 11-69529 Japan (Country) (Country) (Day/Month/Year Filed) (Number) (Country) (Country) (Day/Month/Year Filed) (Number) (Country) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Number) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (Number) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year File				
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56(a). I, hereby claim foreign priority benefits under Title 35, United States Code, \$119 of any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) Priority Claimed 11-69529 Japan (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Fil	•			
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56(a). I, hereby claim foreign priority benefits under Title 35, United States Code, \$119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) Priority Claimed 11-69529 Japan 16/03/1999 (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Number) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application formation as defined in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the filing date of the prior United States application and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)		and was amer		 •
I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56(a). I, hereby claim foreign priority benefits under Title 35, United States Code, \$119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) Priority Claimed 11-69529 Japan (Number) (Country) (Day/Month/Year Filed) Yes No (Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application to the manner provided by the first paragraph of Title 35, United States Code, \$120 of any United States application to the manner provided by the first paragraph of Title 35, United States Code, \$121, lacknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the filing date of the prior poplication and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	I hereby state that I hav	e reviewed and understand the		and Country of the second
J.	craims, as amended by any amendin	lent referred to above.		•
Prior Foreign Application(s) (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Pay/Month/Year Filed) (Number) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year F	with Title 37, Code of Federal Regi	uiations, §1.36(a).	•	
(Number) (Number) (Country) (Day/Month/Year Filed) (Number) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Number) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Number) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Satus: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	barent of inventor's certificate list	ted below and have also identif	lied below any foreign application	foreign application(s) for for patent or inventor's
(Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application on the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose material afformation as defined in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the filing date of the prior united States application and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	Prior Foreign Application(s)			Priority Claimed
(Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application on the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material afformation as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior poplication and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	11-69529	Japan	16/03/1999	
(Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below nd, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application afformation as defined in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the filing date of the prior polication and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below nd, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application afformation as defined in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the filing date of the prior polication and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	·		<i>:</i>	
(Number) (Country) (Day/Month/Year Filed) Yes No (Number) (Country) (Day/Month/Year Filed) Yes No (Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below not, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application at the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material afformation as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior population and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number) (Country) (Day/Month/Year Filed) Yes No (Number) (Country) (Day/Month/Year Filed) Yes No (Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below not, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application at the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material afformation as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior population and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	Olymphan		_	
(Number) (Country) (Day/Month/Year Filed) Yes No (Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below not in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material afformation as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	· (Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number) (Country) (Day/Month/Year Filed) Yes No (Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below not in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material afformation as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	(Number)	(Canadan)		
(Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (Day/Month/Year Filed) (States application(s) listed below and the prior United States application is not disclosed in the prior United States application and the manner provided by the first paragraph of Title 35, United States Code, \$112,1 acknowledge the duty to disclose material afformation as defined in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the filing date of the prior populication and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)		· (Country)	(Day/Month/Year Filed)	Yes No
(Number) (Country) (Day/Month/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application at the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material afformation as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	(Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application at the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material and in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)			(22) mondifical Filed)	105
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below nd, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material aformation as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	(Number)	(Country)	(Day/Month/Year Filed)	Van Na
(Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)		•		162 NO
(Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	n the manner provided by the first particular of the manner provided by the first particular as defined in Title 37, of the manner of the mann	reach of the claims of this appli paragraph of Title 35, United Sta Code of Federal Regulations.	cation is not disclosed in the prior lates Code, §112, I acknowledge the	United States application
(Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)	(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)	
(Application Co. 113)	(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)	
(Application Serial No.) (Filing Date) (Status: natented pending abandonal)	(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)	
	(Application Serial No.)	(Filing Date)	(Status: patented pend	ling abandoned)

I hereby appoint as principal attorneys; Donald R. Antonelli, Reg. No. 20,296; David T. Terry, Reg. No. 20,178; Melvin Kraus, Reg. No. 22,466; Stanley A. Wal, Reg. No. 26,432; William I. Solomon, Reg. No. 28,565; Gregory E. Montone, Reg. No. 28,141; Ronald J. Shore, Reg. No. 28,577; Donald E. Stout, Reg. No. 26,422; Alan E. Schiavelli, Reg. No. 32,087; James N. Dresser, Reg. No. 22,973 and Carl I. Brundidge, Reg. No. 29,621 to prosecute and transact all business connected with this application and any related United States application and international applications. Please direct all communications to the following address:

Antonelli, Terry, Stout & Kraus Suite 1800 1300 North Seventeenth Street Arlington, Virginia 22209 Telephone: (703) 312-6600 Fax: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United State Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Full Name)	(Signature)
Date February 18, 2000 Inventor Shingo Ishih	
Residence Same as Post Office Address 17-1-503, Moriyama-cho 3-c	Citizenship Japan
Fost Office Address Thoroki 316 0025 Janan	· .
Date February 18, 2000 Inventor Masatoshi Wa	kagi Monotoshi Wahazi
Residence Same as Post Office Address	Citizenship Japan
Post Office Address 17-1-501, Moriyama-cho 3-c	home, Hitachi-shi,
Date February 18, 2000 Inventor Masahiko And	· Masahiko Ando
Residence Same as Post Office Address	Citizenship Japan
Post Office Address 14-4, Nishiooshima 3-chome Ibaraki 312 0041, Japan	, Hitachinaka-shi,
DateInventor	
Residence	Citizenship
Post Office Address	
Date Inventor	
Residence	Citizenship
Post Office Address	
Date Inventor	
Residence	
Post Office Address	
DateInventor	
Residence	Citizenship
Post Office Address	
DateInventor	<u> </u>
Residence	Citizenship
Post Office Address	
DatėInventor	
Residence	Citizenship
Post Office Address	
DateInventor	
Residence	
Post Office Address	